



Heating cable round self-regulating

The 'R' in the name of our self-regulating heating cable ELSR-R is an abbreviation for 'round'. This heating cable was specially developed to protect the doors and seals of refrigerating chambers against frost as well as for all applications requiring a round heating cable.

It is also often used in cooling water lines of breweries and drinks manufacturers (as frost protection). The maximum exposure temperature is 65 °C.

Advantages:

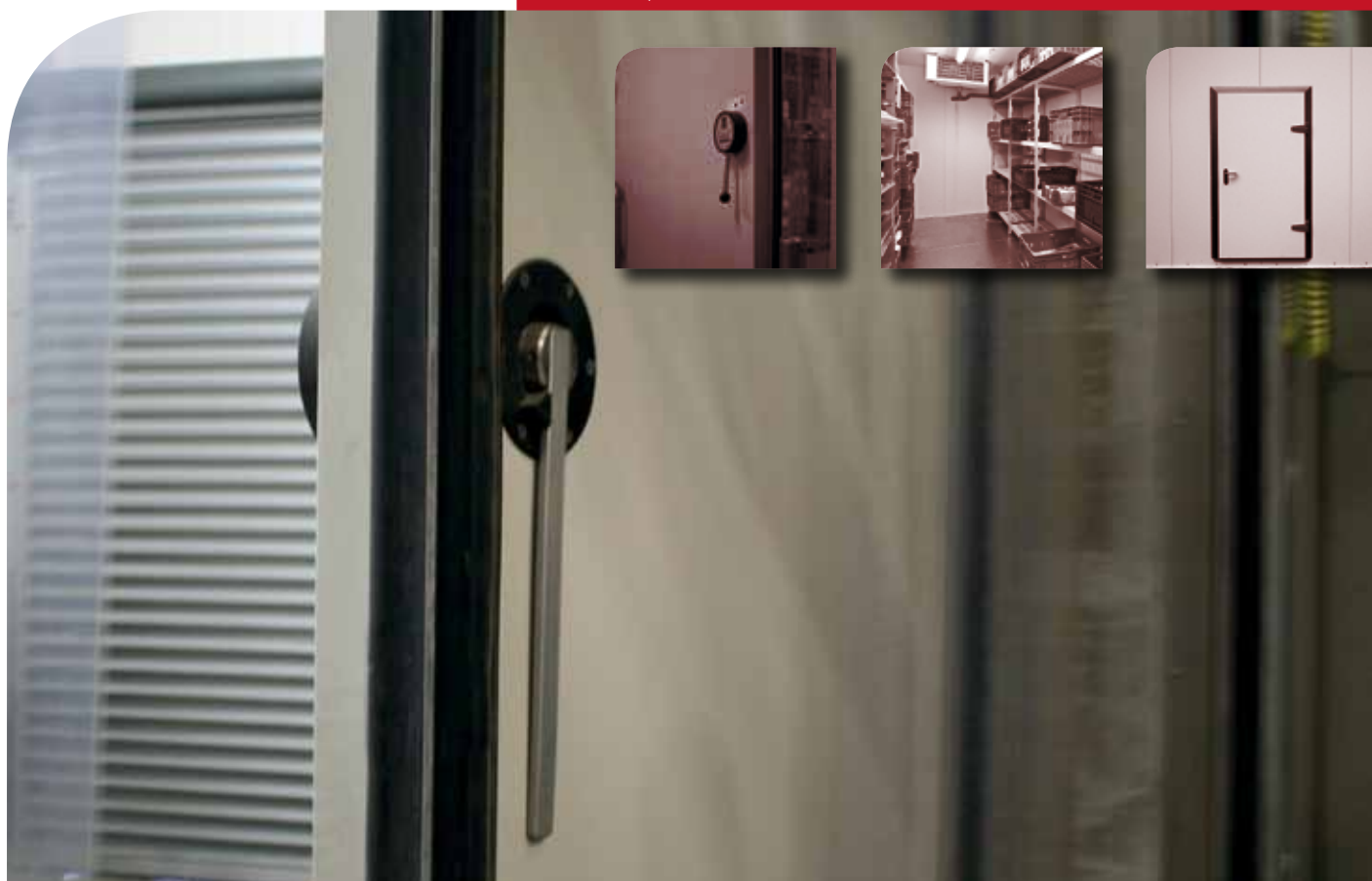
- Round design
- Self-regulating
- Can be cut to length off the roll
- Moisture proof
- UV-resistant
- Perfectly suited for installation with sections thanks to round shape

Applications:

- Frost protection for doors and seals of refrigerating chambers
- Usage in cooling water lines of breweries and drink manufacturers



Type **ELSR-R** up to 65 °C





Technical information

Type ELSR-R up to 65 °C

Data

■ Outer jacket	fluoropolymer
■ Bus wire	nickel plated copper
■ Maximum exposure temperature (power off)	65 °C
■ Maximum exposure temperature (power on)	65 °C
■ Nominal voltage	230 V
■ Bending radius, minimum	30 mm
■ Installation temperature, min.	- 30 °C

Design

■ BOT	Protective braid and a fluoropolymer outer jacket
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Type	Nominal output	Dimensions approx. (mm)	Weight approx. (g/m)	Art. No.
ELSR-R-19-2-BOT	19 W/m at 10 °C	7,3	77	B0200507
ELSR-R-27-2-BOT	27 W/m at 10 °C	7,3	74	B0200605

Other versions are available upon request.

This heating cable has specially been developed for the use with doors of refrigerating chambers. Please contact our engineers for more details on our ELSR-R.

Heating circuit lengths ELSR-R-...-2-BOT on the following conditions:

- 230 V nominal voltage
- Delayed action circuit breakers (C-characteristic) with 80 % maximum load
- Maximum 10 % line voltage drop on the heating cable bus wire
- One (1) single end power input heating cable

Switch-on temperature	Nominal cutout value	Heating circuit length (m) for	
		ELSR-R-19-2	ELSR-R-27-2
10	10	75,0	20,0
	16	102,0	32,0
	20	102,0	40,0
0	10	62,0	16,5
	16	94,0	26,5
	20	94,0	33,0
-10	10	51,0	13,5
	16	81,5	21,5
	20	88,0	27,0
-20	10	41,0	11,0
	16	65,5	17,5
	20	82,0	22,0
-40	10	30,0	7,5
	16	48,0	12,0
	20	60,0	15,0

ELSR-R-...-2-BOT output

(on insulated metallic pipes in accordance with EN 62395-1)

